



# STAAR Item Analysis with Responses by Item

## for Region 12

Subject: Science Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L  
 Demographic Group(s): All Students  
 Student Count: 11259 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
1	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - investigate and describe applications of Newton's law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth's tectonic activities, and rocket launches (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	A 84%	9443 84%	829 7%	600 5%	306 3%	9 0%
2	Sci-Gr6	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 11B - understand that gravity is the force that governs the motion of our solar system (S) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	G 82%	587 5%	9131 82%	495 4%	965 9%	9 0%
3	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11C - explore how short- and long-term environmental changes affect organisms and traits in subsequent populations (R) DUAL: 3D - relate the impact of research on scientific thought and society, including the history of science and contributions of scientists as related to the content (P)	A 90%	10114 90%	587 5%	305 3%	171 2%	10 0%
4	Sci-Gr6	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 8A - compare and contrast potential and kinetic energy (S) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	J 79%	1466 13%	346 3%	490 4%	8868 79%	17 0%
5	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11B - investigate how organisms and populations in an ecosystem depend on and may compete for biotic and abiotic factors such as quantity of light, water, range of temperatures, or soil composition (R) DUAL: 2D - construct tables and graphs, using repeated trials and means, to organize data and identify patterns (P)	B 83%	1200 11%	9261 83%	225 2%	489 4%	12 0%
6	Sci-Gr7	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 6B - distinguish between physical and chemical changes in matter in the digestive system (S) DUAL:	J 80%	560 5%	1207 11%	497 4%	8907 80%	16 0%

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



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7	Sci-Gr7	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11C - identify some changes in genetic traits that have occurred over several generations through natural selection and selective breeding such as the Galapagos Medium Ground Finch ( <i>Geospiza fortis</i> ) or domestic animals (S) DUAL: 3D - relate the impact of research on scientific thought and society, including the history of science and contributions of scientists as related to the content (P)	C 73%	399 4%	1117 10%	8130 73%	1531 14%	10 0%
8	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8A - describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	J 75%	1822 16%	529 5%	411 4%	8418 75%	7 0%
9	Sci-Gr6	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 9C - demonstrate energy transformations such as energy in a flashlight battery changes from chemical energy to electrical energy to light energy (S) DUAL:	A 79%	8843 79%	382 3%	351 3%	1600 14%	11 0%
10	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5E - investigate how evidence of chemical reactions indicate that new substances with different properties are formed (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	G 75%	1912 17%	8353 75%	616 6%	296 3%	10 0%
11	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11A - describe producer/consumer, predator/prey, and parasite/host relationships as they occur in food webs within marine, freshwater, and terrestrial ecosystems (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	D 82%	273 2%	247 2%	1459 13%	9193 82%	15 0%
12	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 9A - describe the historical development of evidence that supports plate tectonic theory (S) DUAL:	G 74%	1864 17%	8297 74%	593 5%	418 4%	15 0%

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#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
13	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11C - explore how short- and long-term environmental changes affect organisms and traits in subsequent populations (R) DUAL:	D 71%	866 8%	2178 19%	180 2%	7948 71%	15 0%
14	Sci-Gr7	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - diagram the flow of energy through living systems, including food chains, food webs, and energy pyramids (S) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	H 50%	3391 30%	1464 13%	5644 50%	670 6%	18 0%
15	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 9C - interpret topographic maps and satellite views to identify land and erosional features and predict how these features may be reshaped by weathering (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	B 63%	1291 12%	7031 63%	2115 19%	735 7%	15 0%
16	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5B - identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity (R) DUAL:	J 51%	2318 21%	1038 9%	2073 19%	5657 51%	101 1%
17	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - demonstrate and calculate how unbalanced forces change the speed or direction of an object's motion (R) DUAL:	1740 61%	6787 61%	4347 39%	0 0%	0 0%	53 0%
18	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11B - investigate how organisms and populations in an ecosystem depend on and may compete for biotic and abiotic factors such as quantity of light, water, range of temperatures, or soil composition (R) DUAL: 2B - design and implement comparative and experimental investigations by making observations, asking well-defined questions, formulating testable hypotheses, and using appropriate equipment and technology (P)	H 52%	806 7%	3683 33%	5803 52%	885 8%	10 0%

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#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
19	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - describe the structure of atoms, including the masses, electrical charges, and locations, of protons and neutrons in the nucleus and electrons in the electron cloud (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	B 58%	2359 21%	6435 58%	1843 16%	541 5%	9 0%
20	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	H 55%	2176 19%	2225 20%	6111 55%	660 6%	15 0%
21	Sci-Gr7	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 6A - identify that organic compounds contain carbon and other elements such as hydrogen, oxygen, phosphorus, nitrogen, or sulfur (S) DUAL:	A 40%	4476 40%	1007 9%	788 7%	4903 44%	13 0%
22	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11A - describe producer/consumer, predator/prey, and parasite/host relationships as they occur in food webs within marine, freshwater, and terrestrial ecosystems (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	H 69%	426 4%	810 7%	7763 69%	2173 19%	15 0%
23	Sci-Gr6	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 8D - measure and graph changes in motion (S) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	B 58%	329 3%	6535 58%	471 4%	3839 34%	13 0%
24	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7B - demonstrate and predict the sequence of events in the lunar cycle (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	F 61%	6880 61%	2979 27%	545 5%	762 7%	21 0%

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25	Sci-Gr6	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - differentiate between elements and compounds on the most basic level (S) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	C 45%	879 8%	1809 16%	4979 45%	3499 31%	21 0%
26	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 9B - relate plate tectonics to the formation of crustal features (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	G 50%	604 5%	5601 50%	1468 13%	3507 31%	7 0%
27	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - demonstrate and calculate how unbalanced forces change the speed or direction of an object's motion (R) DUAL:	A 29%	3217 29%	5129 46%	2016 18%	806 7%	19 0%
28	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - model and illustrate how the tilted Earth rotates on its axis, causing day and night, and revolves around the Sun causing changes in seasons (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	H 31%	2049 18%	2070 19%	3482 31%	3549 32%	37 0%
29	Sci-Gr7	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 12B - identify the main functions of the systems of the human organism, including the circulatory, respiratory, skeletal, muscular, digestive, excretory, reproductive, integumentary, nervous, and endocrine systems (S) DUAL:	D 44%	521 5%	5473 49%	198 2%	4934 44%	61 1%
30	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 9C - interpret topographic maps and satellite views to identify land and erosional features and predict how these features may be reshaped by weathering (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	120 36%	4045 36%	7054 63%	0 0%	0 0%	88 1%

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31	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. <b>SE: 5D - recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts (R)</b> <b>DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)</b>	A 67%	7529 67%	1358 12%	1681 15%	607 5%	12 0%
32	Sci-Gr7	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. <b>SE: 12F - recognize that according to cell theory all organisms are composed of cells and cells carry on similar functions such as extracting energy from food to sustain life (S)</b> <b>DUAL: 3D - relate the impact of research on scientific thought and society, including the history of science and contributions of scientists as related to the content (P)</b>	G 51%	3107 28%	5691 51%	896 8%	1477 13%	16 0%
33	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. <b>SE: 5A - describe the structure of atoms, including the masses, electrical charges, and locations, of protons and neutrons in the nucleus and electrons in the electron cloud (R)</b> <b>DUAL:</b>	D 67%	416 4%	2071 19%	1207 11%	7475 67%	18 0%
34	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. <b>SE: 6B - differentiate between speed, velocity, and acceleration (S)</b> <b>DUAL:</b>	G 51%	1713 15%	5710 51%	563 5%	3185 28%	16 0%
35	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. <b>SE: 7B - demonstrate and predict the sequence of events in the lunar cycle (R)</b> <b>DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)</b>	C 45%	1165 10%	2614 23%	5048 45%	2347 21%	13 0%
36	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. <b>SE: 11B - investigate how organisms and populations in an ecosystem depend on and may compete for biotic and abiotic factors such as quantity of light, water, range of temperatures, or soil composition (R)</b> <b>DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)</b>	J 70%	680 6%	660 6%	2010 18%	7825 70%	12 0%

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37	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 10C - identify the role of the oceans in the formation of weather systems such as hurricanes (S) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	C 52%	1708 15%	1830 16%	5845 52%	1782 16%	22 0%
38	Sci-Gr6	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 8C - calculate average speed using distance and time measurements (S) DUAL: 2D - construct tables and graphs, using repeated trials and means, to organize data and identify patterns (P)	1.4 41%	4589 41%	6534 58%	0 0%	0 0%	64 1%
39	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5E - investigate how evidence of chemical reactions indicate that new substances with different properties are formed (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	C 61%	1065 10%	1782 16%	6870 61%	1454 13%	16 0%
40	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11C - explore how short- and long-term environmental changes affect organisms and traits in subsequent populations (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	F 72%	8080 72%	1041 9%	1156 10%	891 8%	19 0%
41	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - demonstrate and calculate how unbalanced forces change the speed or direction of an object's motion (R) DUAL:	C 62%	772 7%	1363 12%	6927 62%	2108 19%	17 0%
42	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8A - describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	H 51%	3080 28%	1795 16%	5749 51%	526 5%	37 0%

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43	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - investigate and describe applications of Newton's law of inertia, law of force and acceleration, and law of action-reaction such as in vehicle restraints, sports activities, amusement park rides, Earth's tectonic activities, and rocket launches (R) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	B 60%	990 9%	6700 60%	502 4%	2913 26%	82 1%
44	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5D - recognize that chemical formulas are used to identify substances and determine the number of atoms of each element in chemical formulas containing subscripts (R) DUAL:	25 56%	6263 56%	4868 44%	0 0%	0 0%	56 1%
45	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8D - model and describe how light years are used to measure distances and sizes in the universe (S) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	D 59%	2994 27%	912 8%	690 6%	6579 59%	12 0%
46	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - interpret the arrangement of the Periodic Table, including groups and periods, to explain how properties are used to classify elements (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	G 56%	1627 15%	6217 56%	1045 9%	2281 20%	17 0%
47	Sci-Gr8	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 11A - describe producer/consumer, predator/prey, and parasite/host relationships as they occur in food webs within marine, freshwater, and terrestrial ecosystems (R) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	C 70%	1002 9%	1210 11%	7836 70%	1124 10%	15 0%
48	Sci-Gr6	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 6A - compare metals, nonmetals, and metalloids using physical properties such as luster, conductivity, or malleability (S) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	F 78%	8734 78%	878 8%	891 8%	663 6%	21 0%

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49	Sci-Gr7	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 7A - contrast situations where work is done with different amounts of force to situations where no work is done such as moving a box with a ramp and without a ramp, or standing still (S) DUAL: 2E - analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends (P)	D 71%	351 3%	1877 17%	968 9%	7970 71%	21 0%
50	Sci-Gr7	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 14B - compare the results of uniform or diverse offspring from sexual reproduction or asexual reproduction (S) DUAL:	G 65%	1382 12%	7302 65%	1061 9%	1432 13%	10 0%
51	Sci-Gr8	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5B - identify that protons determine an element's identity and valence electrons determine its chemical properties, including reactivity (R) DUAL:	C 79%	632 6%	1039 9%	8861 79%	630 6%	25 0%
52	Sci-Gr8	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 9B - relate plate tectonics to the formation of crustal features (R) DUAL:	F 78%	8746 78%	582 5%	699 6%	1140 10%	20 0%
53	Sci-Gr7	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10B - describe how biodiversity contributes to the sustainability of an ecosystem (S) DUAL: 3B - use models to represent aspects of the natural world such as an atom, a molecule, space, or a geologic feature (P)	A 82%	9133 82%	650 6%	775 7%	608 5%	21 0%
54	Sci-Gr8	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - demonstrate and calculate how unbalanced forces change the speed or direction of an object's motion (R) DUAL:	H 85%	860 8%	275 2%	9483 85%	548 5%	21 0%

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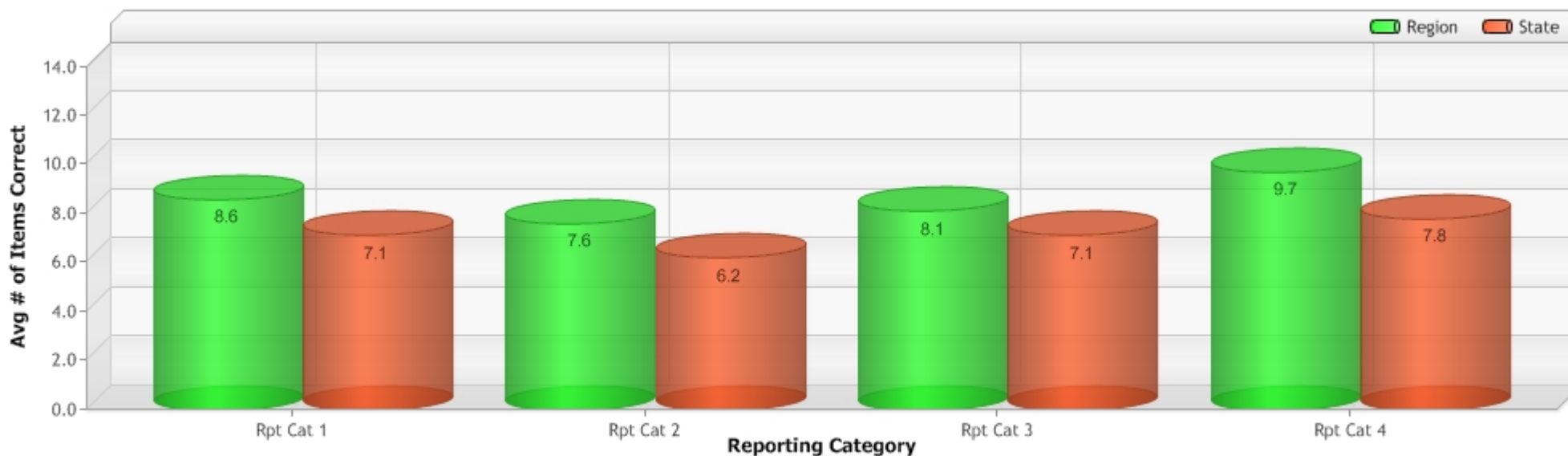
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# **STAAR Reporting Category Comparison for Region 12**

Subject: Science    Curriculum: Grade 08    Language: E    Administration: 4 2014    Test Version(s): STAAR,STAAR-L  
 Demographic Group(s): All Students  
 Source: Admin

Rpt Cat #	Description	Tested	Region Average	State Average
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	14	8.6	7.1
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	12	7.6	6.2
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	14	8.1	7.1
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	9.7	7.8

**Regional data may not reflect all districts in region. It is dependent on files received and ESC partnerships.**

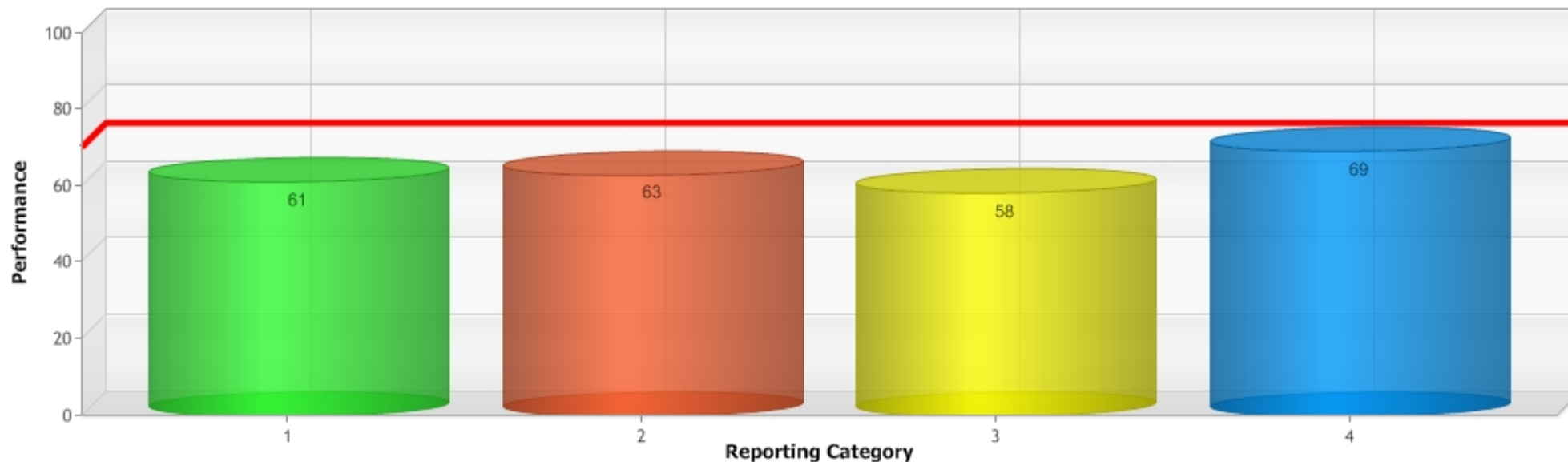


# **STAAR Reporting Category Performance for Region 12**

Subject: Science    Curriculum: Grade 08    Language: E    Administration: 4 2014    Test Version(s): STAAR,STAAR-L  
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 Student Count: 11259    Source: Admin

Reporting Category	Description	# of Test Points	% of Total Points	Mastery
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	14	26%	61%
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	12	22%	63%
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	14	26%	58%
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	26%	69%

\* shaded row indicates mastery below 70%





# STAAR Reporting Category SE Performance for Region 12

Subject: Science Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR, STAAR-L  
Demographic Group(s): All Students  
Student Count: 11259 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	14	61%	5A	R	Sci-Gr8	2	62%
				5B	R	Sci-Gr8	2	65%
				5C	R	Sci-Gr8	1	56%
				5D	R	Sci-Gr8	2	62%
				5E	R	Sci-Gr8	2	68%
				5C	S	Sci-Gr6	1	45%
				6A	S	Sci-Gr6	1	78%
				6B	S	Sci-Gr6	N/T	N/T
				5C	S	Sci-Gr7	1	50%
				6A	S	Sci-Gr7	1	40%
				6B	S	Sci-Gr7	1	80%
				5F	S	Sci-Gr8	N/T	N/T
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	12	63%	6A	R	Sci-Gr8	4	59%
				6C	R	Sci-Gr8	2	72%
				8A	S	Sci-Gr6	1	79%
				8C	S	Sci-Gr6	1	41%
				8D	S	Sci-Gr6	1	58%
				9C	S	Sci-Gr6	1	79%
				7A	S	Sci-Gr7	1	71%
				6B	S	Sci-Gr8	1	51%
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	14	58%	7A	R	Sci-Gr8	2	43%
				7B	R	Sci-Gr8	2	53%
				8A	R	Sci-Gr8	2	63%
				9B	R	Sci-Gr8	2	64%
				9C	R	Sci-Gr8	2	50%
				11B	S	Sci-Gr6	1	82%
				8C	S	Sci-Gr7	N/T	N/T
				7C	S	Sci-Gr8	N/T	N/T
				8B	S	Sci-Gr8	N/T	N/T
				8C	S	Sci-Gr8	N/T	N/T
				8D	S	Sci-Gr8	1	59%
				9A	S	Sci-Gr8	1	74%
				10A	S	Sci-Gr8	N/T	N/T
				10B	S	Sci-Gr8	N/T	N/T
				10C	S	Sci-Gr8	1	52%

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process  
\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



# STAAR Reporting Category SE Performance for Region 12

Subject: Science Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L  
Demographic Group(s): All Students  
Student Count: 11259 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	69%	11A	R	Sci-Gr8	3	74%
				11B	R	Sci-Gr8	3	68%
				11C	R	Sci-Gr8	3	78%
				12D	S	Sci-Gr6	N/T	N/T
				10B	S	Sci-Gr7	1	82%
				10C	S	Sci-Gr7	N/T	N/T
				11A	S	Sci-Gr7	N/T	N/T
				11B	S	Sci-Gr7	N/T	N/T
				11C	S	Sci-Gr7	1	73%
				12B	S	Sci-Gr7	1	44%
				12D	S	Sci-Gr7	N/T	N/T
				12F	S	Sci-Gr7	1	51%
				14B	S	Sci-Gr7	1	65%
				14C	S	Sci-Gr7	N/T	N/T
				11D	S	Sci-Gr8	N/T	N/T

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process  
\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



# STAAR Reporting Category SE Performance for Region 12

Subject: Science Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L  
Demographic Group(s): All Students  
Student Count: 11259 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
	Process Skills			1A	P	Sci-Gr5		N/T
				1B	P	Sci-Gr5		N/T
				2A	P	Sci-Gr5		N/T
				2B	P	Sci-Gr5		N/T
				2C	P	Sci-Gr5		N/T
				2D	P	Sci-Gr5		N/T
				2E	P	Sci-Gr5		N/T
				2F	P	Sci-Gr5		N/T
				2G	P	Sci-Gr5		N/T
				3A	P	Sci-Gr5		N/T
				3B	P	Sci-Gr5		N/T
				3C	P	Sci-Gr5		N/T
				3D	P	Sci-Gr5		N/T
				4A	P	Sci-Gr5		N/T
				4B	P	Sci-Gr5		N/T
				1A	P	Sci-Gr8		N/T
				1B	P	Sci-Gr8		N/T
				2A	P	Sci-Gr8		N/T
				2B	P	Sci-Gr8		N/T
				2C	P	Sci-Gr8		N/T
				2D	P	Sci-Gr8		N/T
				2E	P	Sci-Gr8		N/T
				3A	P	Sci-Gr8		N/T
				3B	P	Sci-Gr8		N/T
				3C	P	Sci-Gr8		N/T
				3D	P	Sci-Gr8		N/T
				4A	P	Sci-Gr8		N/T
				4B	P	Sci-Gr8		N/T

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



# STAAR TEKS Performance for Region 12

Subject: Science Curriculum: Grade 08 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L  
Demographic Group(s): All Students  
Student Count: 11259 Source: Admin

Course	Number	Description	Tested	Weight	Mastery
Sci-Gr8	2	The student uses scientific inquiry methods during laboratory and field investigations.	18	33%	66%
Sci-Gr8	3	The student uses critical thinking, scientific reasoning, and problem solving to make informed decisions and knows the contributions of relevant scientists.	19	35%	61%
Sci-Gr8	5	The student knows that matter is composed of atoms and has chemical and physical properties.	9	17%	63%
Sci-Gr6	5	The student knows the differences between elements and compounds.	1	2%	45%
Sci-Gr7	5	The student knows that interactions occur between matter and energy.	1	2%	50%
Sci-Gr7	6	The student knows that matter has physical and chemical properties and can undergo physical and chemical changes.	2	4%	60%
Sci-Gr8	6	The student knows that there is a relationship between force, motion, and energy.	7	13%	62%
Sci-Gr6	6	The student knows matter has physical properties that can be used for classification.	1	2%	78%
Sci-Gr7	7	The student knows that there is a relationship among force, motion, and energy.	1	2%	71%
Sci-Gr8	7	The student knows the effects resulting from cyclical movements of the Sun, Earth, and Moon.	4	7%	48%
Sci-Gr6	8	The student knows force and motion are related to potential and kinetic energy.	3	6%	60%
Sci-Gr8	8	The student knows characteristics of the universe.	3	6%	62%
Sci-Gr8	9	The student knows that natural events can impact Earth systems.	5	9%	60%
Sci-Gr6	9	The student knows that the Law of Conservation of Energy states that energy can neither be created nor destroyed, it just changes form.	1	2%	79%
Sci-Gr7	10	The student knows that there is a relationship between organisms and the environment.	1	2%	82%
Sci-Gr8	10	The student knows that climatic interactions exist among Earth, ocean, and weather systems.	1	2%	52%
Sci-Gr7	11	The student knows that populations and species demonstrate variation and inherit many of their unique traits through gradual processes over many generations.	1	2%	73%
Sci-Gr8	11	The student knows that interdependence occurs among living systems and the environment and that human activities can affect these systems.	9	17%	73%
Sci-Gr6	11	The student understands the organization of our solar system and the relationships among the various bodies that comprise it.	1	2%	82%
Sci-Gr7	12	The student knows that living systems at all levels of organization demonstrate the complementary nature of structure and function.	2	4%	47%
Sci-Gr7	14	The student knows that reproduction is a characteristic of living organisms and that the instructions for traits are governed in the genetic material.	1	2%	65%

\* shaded row indicates mastery below 70%





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Demographic Group(s): All Students

Student Count: 11259 Source: Admin

